

**AMENDMENTS TO THE CLAIMS**

**This listing of claims will replace all prior versions and listings of claims in the application:**

**LISTING OF CLAIMS:**

1. - 11. (canceled)
12. (new): A method for treating a gas wherein a low temperature plasma is generated in the presence of a metallic oxide oxidation catalyst.
13. (new): The method according to claim 12, wherein said metallic oxide oxidation catalyst is a hopcalite catalyst or an activated manganese dioxide.
14. (new): The method according to claim 12, wherein a gaseous compound is oxidized.
15. (new): The method according to claim 12, wherein a volatile organic compound is decomposed.
16. (new): The method according to claim 12, wherein a foul odor is rendered odorless.
17. (new): An apparatus for treating a gas, comprising a low temperature plasma-generating unit carrying a metallic oxide oxidation catalyst.

18. (new): The apparatus according to claim 17, wherein said low temperature plasma-generating unit contains a hollow-cylindrical electrode and a bar electrode placed at a central axis of said hollow-cylindrical electrode, and said metallic oxide oxidation catalyst is carried on an inner surface of said hollow-cylindrical electrode while a surface of said granular catalyst is exposed.

19. (new): The apparatus according to claim 17, wherein said low temperature plasma-generating unit contains a hollow-cylindrical insulator, a hollow-cylindrical electrode mounted on said hollow-cylindrical insulator while an outer surface of said hollow-cylindrical insulator comes into direct contact with said hollow-cylindrical insulator, plural band electrodes arranged on an inner surface of said hollow-cylindrical insulator, and a metallic oxide oxidation catalyst arranged on said inner surface of said hollow-cylindrical insulator, said band electrodes being arranged parallel to each other in a direction of an axial of said hollow-cylindrical insulator on said inner surface thereof, and said metallic oxide oxidation catalyst is carried between said band electrodes while the surface of the granular catalyst is exposed.

20. (new): The apparatus according to claim 17, wherein said low temperature plasma-generating unit contains many solid-cylindrical electrodes in a housing as two separately divided groups between which an electric-discharge can be carried out, and a metallic oxide oxidation catalyst is carried on a surface of said solid-cylindrical electrode while a surface of said catalyst is exposed.

21. (new): The apparatus according to claim 17, wherein said solid-cylindrical electrode (1) is a combination of (a) a protecting electrode containing a core electrode and a hollow-cylindrical insulating sheath surrounding a circumference of said core electrode, and (b) a solid-cylindrical exposed electrode, a surface of which is capable of coming into direct contact with a gas to be treated, or (2) is composed only of said protecting electrode.

22. (new): The apparatus according to claim 17, wherein said low temperature plasma-generating unit contains, in a housing, (a) a solid-cylindrical protecting electrode containing a core electrode and a hollow-cylindrical insulating sheath surrounding a circumference of said core electrode, and (b) a conductive mesh electrode, and a metallic oxide oxidation catalyst is carried on said conductive mesh electrode while a surface of said catalyst is exposed.